



California MCLB Barstow

Facility and Location

Marine Corps Logistics Base (MCLB) Barstow is located 134 miles east of Los Angeles in the San Bernardino County high desert. The mission of MCLB Barstow is to procure, maintain, repair and rebuild, store, and distribute supplies and equipment as assigned; to conduct such schools and training as may be directed; and to perform such tasks and functions as may be directed. Located at a railroad hub, MCLB Barstow is ideally situated to accomplish its mission of supporting Marine Corps units along the West Coast and in the Pacific. MCLB Barstow functions as the western division point for Santa Fe's transcontinental mainline and is also served by the Union Pacific's mainline to Los Angeles. MCLB Barstow is served by three major highways and intersects two of America's busiest cross country railroads, making it possible to receive and rapidly ship vital supplies and equipment to any part of the U.S.

MCLB Barstow is a state of the art facility which is well suited for repairing and maintaining the 'smart' weapons currently under development for future use by the Marine Corps and other services. This capability was recently recognized by the DoD when it selected MCLB Barstow as one of only seven repair depots in the entire U.S. to pioneer a new, high-tech process called Flexible Computer Integrated Manufacturing (FCIM). FCIM allows for the inexpensive manufacture of parts to order for delivery in less than 30 days.

There is no known source of perchlorate at MCLB Barstow. Sampling was required by Title 22 of the California Code of Regulations Section 64450 for unregulated chemical monitoring.

Media Sampled and Findings

Drinking Water — In 2011, 26 of 37 samples detected perchlorate from 0.1 to 21.3 ppb. In 2010, one of two samples detected perchlorate at 26 ppb. In 2009, two samples reported no detection. In 2008, two samples reported no detection. Prior to 2007, 20 samples reported no detection.

Groundwater — In 2011 33 of 47 samples detected perchlorate from 0.09 to 9.7 ppb. In 2008, five samples reported no detection. Prior to 2007, one sample reported no detection.

Appropriate Action

Drinking water samples were above the California Maximum Contaminant Level for drinking water of 6 ppb. California Department of Public Health was notified and confirmation samples were taken upon receipt of a lab report. Golden State Water Company (the installations water provider) was notified and a "Do Not Drink" order was issued and bottled water supplied until perchlorate was flushed from system. The now defunct Mojave River Pyrotechnics Company is believed to be the source of perchlorate in groundwater. The EPA is conducting sampling to pinpoint the source of perchlorate. Quarterly sampling at the Nebo and Yermo areas will continue.